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Presentation: Basic



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 (54) ISOLATED MAMMALIAN NEURAL STEM CELLS, METHODS OF MAKING SUCH CELLS, AND METHODS OF USING SUCH CELLS
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Abstract

Using a novel culture approach, previously unknown populations of neural progenitor cells have been found within an adult mammalian brain. By limiting cell-cell contact, dissociated adult brain yields at least two types of cell aggregates. These aggregates or clones of stem/precursor cells can be generated from adult brain tissue with significantly long postmortem intervals. Both neurons and glia arise from stem/precursor cells of these cultures, and the cells can survive transplantation to the adult mammalian brain.

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